



**MAY 8 2001**

DOT-E 10442  
(EIGHTH REVISION)

EXPIRATION DATE: April 30, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Quantic Industries, Inc.  
Hollister, CA

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain unapproved Division 1.1A, 1.1D and 1.3C waste explosive substances together on the same motor vehicle with waste Division 4.1 flammable solids, subject to the limitations and packaging provisions prescribed herein. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.56(b), in that examination, classing and approval of these waste explosive substances are waived; and § 177.848(d) Table, in that restrictions on transportation of Division 1.1D explosives on the same vehicle with Division 1.3G explosives and Division 4.1 flammable solids are waived.
5. BASIS: This exemption is based on the application of Quantic Industries dated February 12, 2001, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Waste substances, explosive, n.o.s. (trash containing not more than 0.2 percent by weight initiating explosives, wetted with water or fuel oil, a/k/a "IE-1")	1.1A	UN0473	II
Waste substances, explosive, n.o.s. (trash containing not more than 6 percent by weight UTP- 25540, a/k/a "UTC Material A")	1.1D	UN0475	II
Waste substances, explosive, n.o.s. (trash containing not more than 6 percent by weight of various propellant explosives, a/k/a "UTC Material B"; or water wet scrap propellant process debris, a/k/a "Prop-1")	1.3C	UN0477	II
Waste substances, explosive, n.o.s. (dry process debris containing not more than 10 percent by weight magnesium- teflon-viton flare mix, a/k/a "MTV-1")	1.3G	UN0478	II
Waste flammable solid, organic n.o.s. (trash containing not more than 0.7 percent by weight reactive materials a/k/a "FS-1", wetted with water or fuel oil)	4.1	UN1325	II

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Division 1.1A primary explosive waste residues (IE-1) must be double-bagged in conductive plastic or rubber bags and packaged in a UN1G fiber drum. Maximum gross weight for each fiber drum may not exceed 100 pounds.

(2) Division 1.1D waste explosive contaminated trash ("UTC Material A") and Division 1.3C waste propellant contaminated trash ("UTC Material B") must each be placed in a conductive plastic or rubber bag (minimum thickness 0.10 mm or 0.004"), sealed with plastic adhesive tape and packaged in a UN1G fiber drum.

(3) Division 1.3C scrap propellant ("PROP-1") and Division 4.1 flammable solids ("FS-1") must be double-bagged in static resistant plastic (minimum thickness 0.15 mm or 0.006") and packaged in a UN1G fiber drum. The maximum gross weight must not exceed 80 pounds in a 20 gallon drum or 125 pounds in a 30 gallon drum.

(4) Division 1.3G flare mix waste residues ("MTV-1") must be double-bagged in conductive plastic or rubber bags, each sealed with plastic adhesive tape. Sealed bags must be packaged in a UN4G fiberboard box. Unused space must be filled with anti-static foam dunnage/cushioning. The maximum gross weight of each outer package may not exceed 50 pounds.

8. SPECIAL PROVISIONS:

- a. The outside of each package must be legibly and durably marked with the following lettering: "DOT E-10442".
- b. Transportation is limited to between the applicant's manufacturing facilities and the intended waste incineration facilities.
- c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

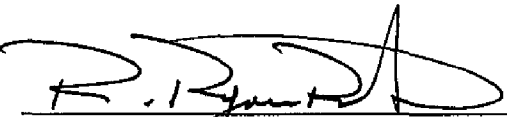
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

- a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
- b. Waste explosive materials listed in this exemption may be transported together on the same motor vehicle.

- c. Drivers must be trained to be knowledgeable with all current DOT hazardous material regulations pertaining to carriage of Class 1 and Division 4.1 materials.
- d. Motor carriers operating under the terms of this exemption must have at least a "satisfactory" safety rating as prescribed in 49 CFR Part 385.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.
- Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.
- No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.
12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
Fu Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

MAY 8 2001

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: SCWATSON

JUL 16 2001

Continuation of DOT-E 10442 (8th Rev.) APPENDIX A

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Duratek Federal Services, Inc. Richland, WA (Former Grantee: Waste Management Federal Services, Inc.)	4/9/2001	5/8/2001	4/30/2003
LifeSparc Hollister, CA	2/9/2001	5/8/2001	4/30/2003
Onyx Environmental Services, L.L.C. Flanders, NJ	3/28/2001	5/8/2001	4/30/2003
Triad Transport Inc. McAlester, OK	5/22/2001	JUL 16 2001	4/30/2003
United Technologies Corporation/Chemical Systems Division San Jose, CA	4/10/2001	5/8/2001	4/30/2003

*for* Robert A. McGee  
Robert A. McGee  
Associate Administrator for  
Hazardous Materials Safety